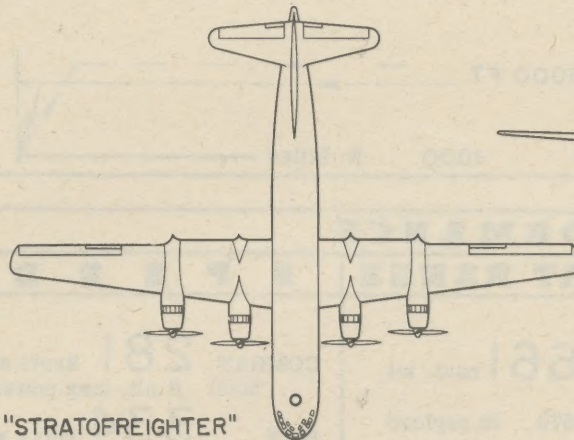
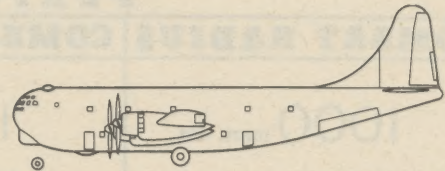
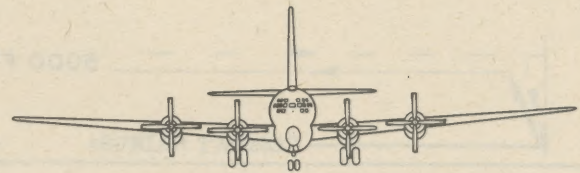


Characteristics Summary

CARGO C-97A



"STRATOFREIGHTER"



BOEING

Wing Area 1768.7 sq ft Length 110.3 ft
 Height 38.3 ft
 Span 141.2 ft Height (Fin folded) 26.6 ft

AVAILABILITY			PROCUREMENT			
Number available			Number to be delivered in fiscal years			
ACTIVE	RESERVE	TOTAL				

STATUS

1. First flight: May 49
 2. First acceptance: Jul 49
 3. Production completed: Jan 51
- Navy Equivalent: None

Mfr's Model: 367-4-19

POWER PLANT

(4) R-4360-65
 Pratt & Whitney

ENGINE RATINGS

BHP - RPM - ALT - MIN

T.O: *3500 - 2700 - SL - 5
 Mil: *3500 - 2700 - 500 - 30
 3250 - 2700 - 1000 - 30
 Nor: 2650 - 2550 - 5500 - C
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*Wet

Note: Increased altitude performance is available through use of external turbo-supercharging.

FEATURES

Cabin Pressurization

Folding Fin & Rudder

Reverse Pitch Props

Thermal Anti-icing

F-1 Auto-Pilot

Power Operated Cargo Hoist

Automatic Cabin Temperature Control

GENERAL

Crew: 5

Troops (max): *130

or

Litters (max): 79

plus

Attendants: 4

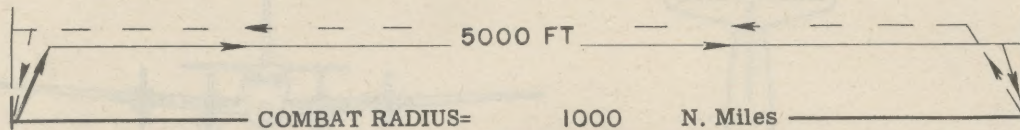
or

Max Cargo: † 67,080 lb

*First 37 aircraft have provisions for 134 troops or 83 litters.

Max Fuel Capacity: 7790 gal

†Limited by strength

Characteristics Summary Basic Mission. . . . C-97A**P E R F O R M A N C E**

COMBAT RADIUS	COMBAT RANGE	S P E E D
1000 naut. mi with 61,570 lb payload at 182 knots avg. in 10.98 hours.	1661 naut. mi with 61,570 lb payload at 204 knots avg. in 8.15 hours.	COMBAT 281 knots at 5000 ft alt, max power MAX 334 knots at 26,000 ft alt, max power BASIC 331 knots at 25,000 ft alt, max power
C L I M B	C E I L I N G	T A K E - O F F
555 fpm sea level, take-off weight normal power	22,500 ft 100 fpm, take-off weight normal power	ground run 6500 ft _____ ft no assist assisted
2660 fpm sea level, combat weight maximum power	34,500 ft 500 fpm, combat weight maximum power	over 50 ft height 8150 ft _____ ft no assist assisted
L O A D	W E I G H T S	S T A L L I N G S P E E D
Cargo: 61,570 lb	Empty..... 76,143 lb	108 knots flaps down, take-off weight
Fuel: 5453 gal	Combat... 94,070 lb	T I M E T O C L I M B
protected 0 %	Take - off 175,000 lb	_____
droppable 0 %	limited by strength	
external 0 %		

N O T E S

1. PERFORMANCE BASIS:
(a) Flight test
2. REVISION BASIS: To revise power plant designation and guaranteed ratings.